

Title (en)

LABYRINTH SEAL FOR A TURBOMACHINE OF AN AIRCRAFT

Title (de)

LABYRINTDICHTUNG FÜR EINE TURBOMASCHINE EINES FLUGZEUGS

Title (fr)

JOINT D'ETANCHEITE A LABYRINTHE POUR UNE TURBOMACHINE D'AERONEF

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Application

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Abstract (en)

[origin: WO2019243708A2] The invention relates to a labyrinth sealing joint (100) for a turbomachine, in particular of an aircraft, comprising a rotor element (114) extending about an axis (A), and a stator element (116) extending around the rotor element (114), the rotor element (114) comprising two annular lips (112a, 112b) extending radially outwards and surrounded by at least one abradable element (118) carried by said stator element (116). The invention is characterized in that a plurality of gas passage cavities are arranged circumferentially next to one another between the two lips (112a, 112b) which are interconnected by connecting partitions, and in that at least one of said lips (112a, 112b) comprises at least one axial gas passage opening that leads into at least some of said cavities.

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